

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/974,546C
Source: 1FW/6
Date Processed by STIC: 8/25/05

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IFW16

RAW SEQUENCE LISTING

DATE: 08/25/2005

PATENT APPLICATION: US/09/974,546C

TIME: 17:20:22

Input Set : D:\UROC018USD2.txt

Output Set: N:\CRF4\08252005\I974546C.raw

3 <110> APPLICANT: AN, GANG
 4 O'HARA, S. MARK
 5 RALPH, DAVID
 6 VELTRI, ROBERT
 8 <120> TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS, PROGNOSIS AND
 9 MANAGEMENT OF PROSTATE, BREAST AND BLADDER CANCER
 11 <130> FILE REFERENCE: UROC:018USD2
 13 <140> CURRENT APPLICATION NUMBER: 09/974,546C
 14 <141> CURRENT FILING DATE: 2001-10-10
 16 <150> PRIOR APPLICATION NUMBER: 09/662,270
 17 <151> PRIOR FILING DATE: 2000-09-14
 19 <150> PRIOR APPLICATION NUMBER: 09/097,199
 20 <151> PRIOR FILING DATE: 1998-06-12
 22 <160> NUMBER OF SEQ ID NOS: 88
 24 <170> SOFTWARE: PatentIn Ver. 2.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 391
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 33 Primer
 35 <400> SEQUENCE: 1
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 38 tccttatcgt ctctacatcc caagaacaga gagtgaagtct tctttatttt cttatctctg 120
 40 ttttttagcac agtatttgat atatagtgtg gatactataa atgcttgcta aactttgtca 180
 42 aattccacat ttttaaaata aaaatgagaa tgagcttgta gtcaacatgg cgtttgtaag 240
 44 tttggagtct atatatggta gatatacata tttttaaatc taagtgaac ttttctcttg 300
 46 attatcttga aatgccttat catctccaca tttgctgtag gcagtagttt agtgggtcca 360
 48 ttatatctgc cacactgatt gtcttaaata a 391
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 51 <211> LENGTH: 614
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Artificial Sequence
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 57 Primer
 59 <400> SEQUENCE: 2
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 62 gggtaaggaa tgtgaaccat ctccaataat aggtaaggct acatgggtca tgtgtccact 120
 64 ggacaggggg cccttccctg cctggcagca gaggcagaga gagagagaag agagagagac 180
 66 agcttatgcc attatttctg catatcagac atttagtact ttcactaatt tgctcctgct 240
 68 atctaaaagg cagagccagg tatacaggat ggaacatgaa agcggactag gagcgtgacc 300

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70 actgaagcac agcatcacag ggagacaggc ctctggatac tggccggggg gccctgactg 360
72 atgtcaaggc cctccacaag agtggaggag ttagtcttcc tctaaactcc cccgggggaa 420
74 agggaggctc cttttcccag tctgctaagt agtgggtgtt tttccttgac actgatgcta 480
76 ctgctagacc atggtccact ttgcaacagg catcttccca gacactggtg ttactgctag 540
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80 ccacttcgca ctat 614
82 <210> SEQ ID NO: 3
83 <211> LENGTH: 757
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
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94 agagattgct acaaatcttc tgaaggggtct caatggcttc aggctaagaa gagattttctc 120
96 cctgttataa gcagcaagac aaatttagcca tttcactctc aaacttcact aatgatcaca 180
98 ttctttccaa aaggaactct agaagaccaa atgccccgag ttaagaacat caaaactaac 240
100 catctgaaga aacttcccaa gtgtaagact ctgccattaa aacattaccg agagggggact 300
102 caaacagtct tttcttcctt ttgtcgtgtt tctttgctcc cagaccaag gcacttggcg 360
104 gacagtactt gatacaataa tttaaaaagc accactccct tcccactttg taaataccca 420
106 gaactcta at tggaccaccc tgaagcttag gacctaccag ccatacaaat agtaaaactct 480
108 gtccacgatt cactcatctg tgtattttct atagatgttt actaggcggt tgttatataa 540
110 aaataccccc gccaggcacg gtggctcacg cctgtaatcc cagcactttg ggagggtgggt 600
112 ggatcacctg aggtcgggag ttcgagacca gcctgaccag catgggtggaa ccccatctc 660
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123 <220> FEATURE:
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132 cataactttg cgacaattca gtagaaatag gcatacaaac ctgggcctga tgacactcac 180
134 ctccccttgg ctataaacat taccctacct gttaagtcag taatcctttg ggagagcgct 240
136 tactgagtat ctatgatatg caaagaccaa agaccgaggg ggatccctgg ttagagcaa 300
138 gcacacacct gggtattagc tacctgccac cctgctgggc atgcaacata cattgtctca 360
140 aattctaacc accctgcaag gcaagcttcc ttgttctttt aaagaagaaa agtagaccag 420
142 caagattgat ttgctcaaga ttacacagcc tggaatcttg tcatgggcat gctgactct 480
144 gatagcaata cctcaaaga aactgtcaga gaagactcaa taagaagaaa gttgagatac 540
146 agaaaccaac aggagaagg aattcagaaa ttcaaacaga gtgggtgtga tgggaagaat 600
148 tcattaataa gaaggtacct ctgtagaaaa atcttaccag acagtctgga agtgaaggaa 660
150 acagccaata gtc 673
153 <210> SEQ ID NO: 5
154 <211> LENGTH: 358

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165 tgggggtcaa ggtgcctggg gctggggcacc cctaagtacac ggctctaagg agaaagctct 120
167 cttcctgccc ggcggagccc tcccctcccc ccggatcccc gtgctttccc gagaggggag 180
169 gaccagagac cggcagatgg ctgcagcgct cctcactgcc tggccccaga tgccagtgac 240
171 ttctcaggat gtggccttgt acctctcccg ggaggagtgg ggacggctgg accacacgca 300
173 gcagaacttc tacagggaat gtcctgcaga agaaaaatgg gctgtcactg ggctttcc 358
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179 <213> ORGANISM: Artificial Sequence
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185 <400> SEQUENCE: 6
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190 <211> LENGTH: 610
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192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
196     Primer
198 <400> SEQUENCE: 7
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201 gataccatca tcccagctgt tcctcctccc actgacctgc gattcaccaa cattgggtcca 120
203 gacaccatgc gtgtcacctg ggctccaccc ccatccattg atttaaccaa ctctctgggtg 180
205 cgttactcac ctgtgaaaaa tgaggaagat gttgcagagt tgtcaatttc tccttcagac 240
207 aatgcagtgg tcttaacaaa tctcctgcct ggtacagaat atgtagttag tgtctccagt 300
209 gtctacgaac aacatgagag cacacctctt agaggaagac agaaaacagg tcttgattcc 360
211 ccaactggca ttgacttttc tgatattact gccaaactctt ttactgtgca ctggattgct 420
213 cctcgagcca ccatcactgg ctacaggatc cgccatcatc ccgagcactt cagtgggaga 480
215 cctcgagaag atcgggtgcc ccactctcgg aattccatca ccctcaccaa cctcactcca 540
217 ggcacagagt atgtggtcag catcgttgct cttaatggca gagaggaaaag tcccttattg 600
219 attggccaac                                     610
222 <210> SEQ ID NO: 8
223 <211> LENGTH: 1649
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
229     Primer
231 <400> SEQUENCE: 8
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234 ctgcttggcg ccgcaggtga tcccgcgcgc cactcccggg agcagtgatg ttgggcaact 120
236 ctgcgcgggg gcctgcgacc cgcgaggcgg gctcggcgct gctagcattg cagcagacgg 180
238 cgctccaaga ggaccaggag aatatcaacc cggaaaaggc agcgcgcgcgc caacaaccgc 240
240 ggaccggggc cgcgctggcg gtactgaagt ccgggaaccc gcgggggtcta gcgcagcagc 300
242 agaggccgaa gacgagacgg gttgcacccc ttaaggatct tcctgtaaat gatgagcatg 360
244 tcaccgttcc tccttggaag gcaaacagta aacagcctgc gttcaccatt catgtggatg 420
246 aagcagaaaa agaagctcag aagaagccag ctgaatctca aaaaatagag cgtgaagatg 480
248 ccctggcttt taattcagcc attagtttac ctggaccagg aaaaccattg gtccctcttg 540
250 attatccaat ggatggtagt tttgagtcac cacatactat ggacatgtca attgtattag 600
252 aagatgaaaa gccagtgagt gttaatgaag taccagacta ccatgaggat attcacacat 660
254 accttaggga aatggagggt aaatgtaaac ctaaagtggg ttacatgaag aaacagccag 720
256 acatcactaa cagtatgaga gctatcctcg tggactgggt agttgaagta ggagaagaat 780
258 ataaactaca gaatgagacc ctgcatttgg ctgtgaacta cattgatagg ttcctgtctt 840
260 ccatgtcagt gctgagagga aaacttcagc ttgtgggcac tgctgctatg ctgttagcct 900
262 caaagtttga agaaatatac ccccagaaag tagcagagtt tgtgtacatt acagatgata 960
264 cctacaccaa gaaacaagt ctgagaatgg agcatctagt tttgaaagtc cttacttttg 1020
266 acttagctgc tccaacagta aatcagtttc ttaccaata ctttctgcat cagcagcctg 1080
268 caaactgcaa agttgaaagt ttagcaatgt ttttgggaga attaagtttg atagatgctg 1140
270 acccatacct caagtatttg ccatcagtta ttgctggagc tgcccttcat ttagcactct 1200
272 acacagtcac gggacaaagc tggcctgaat cattaatacg aaagactgga tataccctgg 1260
274 aaagtcttaa gccttgtctc atggaccttc accagacctc cctcaaagca ccacagcatg 1320
276 cacaacagtc aataagagaa aagtacaaaa attcaaagta tcatgggtgt tctctcctca 1380
278 acccaccaga gacactaaat ctgtaacaat gaaagactgc ctttggtttc taagatgtaa 1440
280 atcactcaaa gtatatggtg tacagttttt aacttaggtt ttttaatttta caatcatttc 1500
282 tgaatacaga agttgtggcc aagtacaaat tatggatatc attacttttt aaatgggttt 1560
284 aatttgtata tcttttgtat atgtatctgt cttagatatt tggctaattt taagtgggtt 1620
286 tgtaaagta ttaatgatgc cagctgccc 1649
289 <210> SEQ ID NO: 9
290 <211> LENGTH: 175
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
296 Primer
298 <400> SEQUENCE: 9
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301 ttctggggct cttactataa aaggggacca actctccctt tgtcatatct tgtttctgat 120
303 gacaaaaaat aacacattgt taaaattgta aaattaaaac atgaaatata aatta 175
306 <210> SEQ ID NO: 10
307 <211> LENGTH: 166
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
313 Primer
315 <400> SEQUENCE: 10
316 gtttcgctcc acattcatcc tttcttactg ggcaactgat ttgagagcat caggcagggt 60
318 ataatgttat gttgcagtaa caaacaccct caatatctca gtggcttaaa atgacaacga 120
320 tctttttttt gtttgtttgt ttatgctcta tatcaccagg ggatca 166

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323 <210> SEQ ID NO: 11
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325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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332 <400> SEQUENCE: 11
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335 attgggaaat tcaaaccatg cacaactctg cctgtatgaa gggcgca 107
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339 <211> LENGTH: 183
340 <212> TYPE: DNA
341 <213> ORGANISM: Artificial Sequence
343 <220> FEATURE:
344 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
345     Primer
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350 acaggttggc ccaggcactc taaggccag gctggcacag gttggccag gcacttcaag 120
352 cctaagtcca tttacagttt ctattccatc tcttcctaaa gaagaggaga ggggctaagg 180
354 ttg 183
357 <210> SEQ ID NO: 13
358 <211> LENGTH: 92
359 <212> TYPE: DNA
360 <213> ORGANISM: Artificial Sequence
362 <220> FEATURE:
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364     Primer
366 <400> SEQUENCE: 13
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369 taattgtaag tcatattcct ctttgtccag ct 92
372 <210> SEQ ID NO: 14
373 <211> LENGTH: 182
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381 <400> SEQUENCE: 14
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386 gaggagattg ttagtattct ggacaagctt atccggaatc ccggcagcct gaaggatcat 180
388 ca 182
391 <210> SEQ ID NO: 15
392 <211> LENGTH: 174
393 <212> TYPE: DNA
394 <213> ORGANISM: Artificial Sequence
396 <220> FEATURE:

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:46; N Pos. 212

VERIFICATION SUMMARY

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L:889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:180